TOSHIBA

Leading Innovation

dynadock™ U3.0 User's Manual

Safety icons

This manual contains safety instructions that must be observed to avoid potential hazards that could result in personal injuries, damage to your equipment, or loss of data. These safety cautions have been classified according to the seriousness of the risk, and icons highlight these instructions as follows:

⚠ DANGER	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
⚠ WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
⚠ CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in property damage.
NOTE	Provides important information.

Safety instructions

Always read the safety instructions carefully:

WARNING

Do not disassemble, modify, tamper with or repair the product

- Do not attempt to disassemble, modify, tamper with or repair the product (including the AC adaptor). Disassembly, modification, tampering or repairing the product could cause fire or electric shock, possibly resulting in serious injury.

Handling the AC adaptor and power cables/cords or plugs

- When handling the power cable/cord, follow these precautions:
  - Never tamper with the power cable/cord or plug.
  - Never splice or alter a power cable/cord.
  - Never bend or twist a power cable/cord.
  - Never pull on a power cable/cord to remove a plug from a socket. Always grasp the plug directly.
  - Never place heavy objects on a power cable/cord.
  - Never run a power cable/cord through a pinch point such as a door or window.
  - Never place a power cable/cord near a heat source.
  - Never use nails, staples or similar objects to fasten or attach cable/cord in place.
  - Never attempt to disassemble or repair an AC adaptor.

Doing any of the above may damage the cables, and/or result in a fire or electric shock, possibly resulting in serious injury.

Attaching the power cable/cord

- Always confirm that the power plug (and extension cable plug if used) has been fully inserted into the socket, to ensure a secure electrical connection. Failure to do so may result in a fire or electric shock, possibly resulting in serious injury.
- Be careful if you use a power strip. An overload on one socket could cause a fire or electric shock, possibly resulting in serious injury.

Dust on the power plug connectors or connector base

- If dust gets on the power plug connectors or connector base, turn the power off and disconnect the power plug. Then clean the connector and/or connector base with a dry cloth. Continuing to use the product without cleaning the power plug may result in a fire or an electric shock, possibly resulting in serious injury.

WARNING

Only use TOSHIBA AC adaptor

- Always use the TOSHIBA AC adaptor that may have been provided with your product, or use AC adaptors specified by TOSHIBA to avoid any risk of fire or other damage to the product. Use of an incompatible AC

adaptor could cause fire or damage to the product, possibly resulting in serious injury. TOSHIBA assumes no liability for any damage caused by use of an incompatible adaptor.

Use correct power source

- Never plug the AC adaptor into a power source that does not correspond to both the voltage and the frequency specified on the regulatory label of the unit. Failure to do so could result in a fire or electric shock, possibly resulting in serious injury.

Only use approved power cables/cords

- Always use or purchase power cables/cords that comply with the legal voltage and frequency specifications and requirements in the country of use. Failure to do so could result in a fire or electric shock, possibly resulting in serious injury. Do not handle the power plug with wet hands.
- Never attempt to connect or disconnect a power plug with wet hands. Failure to follow this instruction could result in an electric shock, possibly resulting in serious injury.

Choking hazards

- Never leave small parts such as covers, caps and screws within the reach of infants or small children. Swallowing a small part may cause choking and suffocation resulting in death or serious injury. If a part is swallowed, immediately take appropriate emergency action and consult a doctor.

Avoid liquids, moisture and foreign objects

- Never allow any liquids to spill into any part of your product, and never expose the product to rain, water, seawater or moisture. Exposure to liquid or moisture can cause electric shock or fire, resulting in damage or serious injury. If any of these eventualities should accidentally occur, immediately disconnect the AC adaptor from the power plug socket and from the product.

Do not connect the power again until you have taken the product to an authorized service center. Failure to follow these instructions could result in serious injury or permanent damage to the product.

Never place your product or AC adaptor on a heat sensitive surface

- Never place your product or AC adaptor on a wooden surface, furniture, or any other surface that could be marred by exposure to heat since the product base and AC adaptor's surface increase in temperature during normal use.
- Always place your product or AC adaptor on a flat and hard surface that is resistant to heat damage.

⚠CAUTION

Never place your product in locations with excess heat

- Never place your product where it will be exposed to excess heat, such as in direct sunlight, in an unventilated vehicle or near a heater. This may result in a system failure, malfunction, loss of data or damage to the product.

Never place your product in a location with extremely low temperatures

- Never place your product in a location where it will be exposed to extremely low temperatures. This may result in a system failure, malfunction or loss of data.

Never subject your product to sudden temperature variations

- Never subject your product to sudden temperature variations. This may result in condensation, causing a system failure, malfunction or loss of data.

Never operate your product on AC power during a thunderstorm

- Never operate your product on AC power during a thunderstorm. If you see lightning or hear thunder, immediately unplug the product. An electric surge caused by the storm may result in a system failure, loss of data or hardware damage.

FCC information

FCC notice "Declaration of Conformity Information"

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna(s).
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Conditions

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference

(2) This device must accept any interference received, including interference that may cause undesired operation.

Contact

Address: TOSHIBA America Information Systems, Inc.
9740 Irvine Boulevard
Irvine, California 92618-1697

Telephone: (949) 583-3000

Industry Canada Requirement

This Class B digital apparatus complies with Canadian ICES-003.Cet appareil numérique de la classe B est conformé à la norme NMB-003 du Canada.

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Introduction

Thank you for purchasing the dynadock™ U3.0 universal docking station that enables you to connect your computer peripherals through a single USB cable to just about any Windows®-based computer.

NOTE All instructions in this Guide are for Windows® 7 systems unless otherwise noted.

Overview

Features

- Single USB cable connection to your computer
- Upright slim design saves desktop space
- Easily accessible USB and audio ports located on the front
- Supports USB 3.0 and backward compatible with USB 2.0
- Supports DVI or VGA and HDMI® dual video output ports
- Supports video resolutions up to 2048 x 1152 on an external display
- 5.1 Channel surround sound
- Hot-swappable: add or remove most devices without rebooting the computer
- Includes the dynadock™ U3.0 Utility for customizing dynadock™ video and audio settings
- Can charge your USB devices (up to DC 5V/port) with the front powered "USB Sleep and Charge" ports ( ) even when your computer is undocked or off.

Package contents

Check to make sure you have all of the following items:

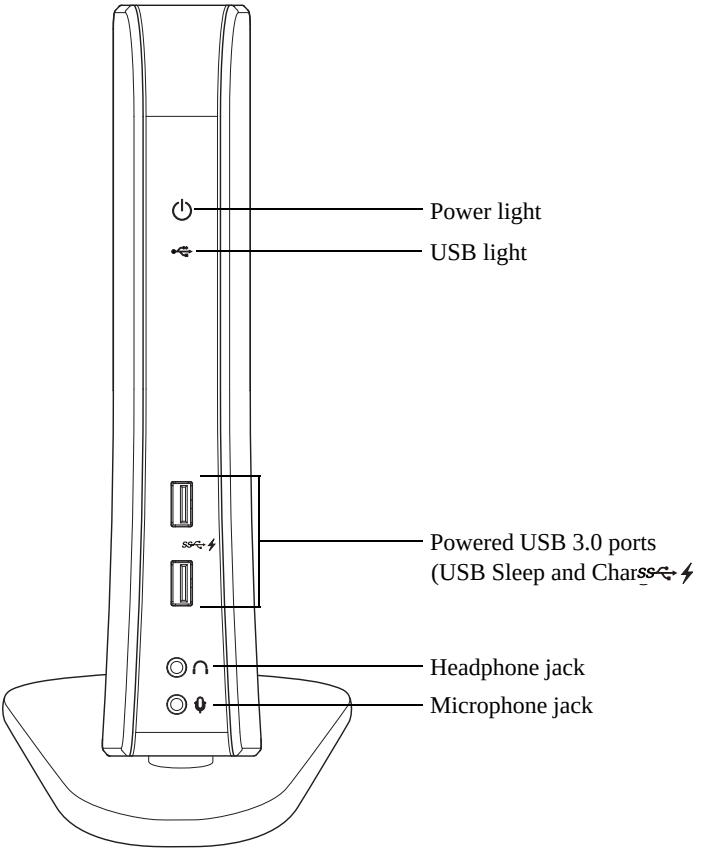
- dynadock™ U3.0

- Base
- USB 3.0 cable
- AC adaptor and power cord
- DVI-I to VGA adaptor
- Installation CD (*User's Guide* (this document) and drivers)
- Standard limited warranty
- Quick Start Guide

Quick Tour

This section identifies the various components of the dynadock™. For a description of each component, please refer to the corresponding table that follows each illustration.

Front view



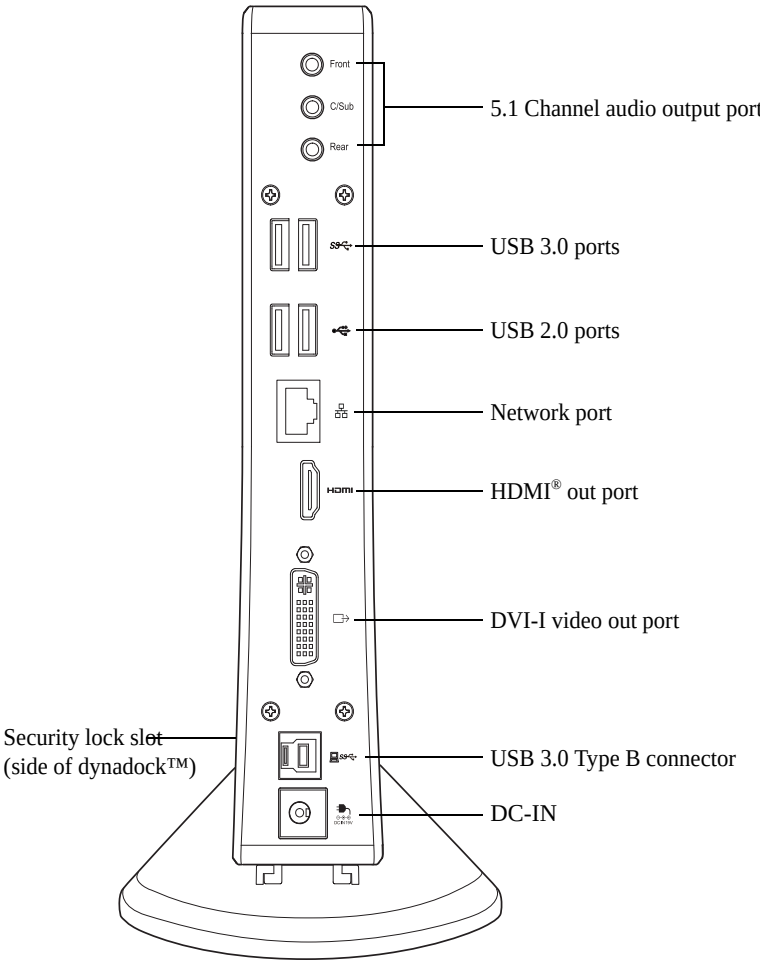
(Sample Illustration) Lights and connectors on the front of the dynadock™

Component	*Description*
Power light	Glows blue when power is supplied via AC power.
USB light	Glows green when a USB device is connected to the dynadock™.

Component	*Description*
Powered USB 3.0 ports (USB Sleep and Charge ports)	Connection point for USB 3.0, 2.0, or 1.1 devices. When the dynadock™ is powered ON, this port charges select connected battery-powered USB devices (such as MP3 players and mobile phones), even when the dynadock™ is disconnected from your computer or your computer is off. For more information, please see "Charging USB devices using Toshiba USB Sleep and Charge" on page 30. Note 1: Some USB devices may not support this feature. Note 2: Certain USB devices, such as optical disk drives and hard disk drives, have high power requirements. Note 3: If your USB device came with an AC adaptor, be sure to connect the device to a power outlet with the AC adaptor.
Headphone jack	A standard 3.5 mm jack for stereo audio output to headphones/headsets/speakers.
Microphone jack	A standard 3.5 mm jack for mono audio input from a microphone/headset.

NOTE The power or USB Hub light is visible only when the AC adaptor or at least one USB device is connected respectively.

Back view



(Sample Illustration) Connections on the back of the dynadock™

Component		*Description*
5.1 channel audio output ports	Front C/Sub Rear	Connection for audio equipment such as home stereo or speakers up to 5.1 surround sound.

Component	*Description*
USB 3.0 ports	Connection points for USB 3.0, and 2.0, devices. Note 1: Certain USB devices, such as optical disk drives and hard disk drives, have high power requirements. Due to the power output limitations of the USB ports, you may not be able to operate more than one such device at a time. Note 2: If your USB device came with an AC adaptor, be sure to connect the device to a power outlet with the AC adaptor.
USB 2.0 ports	Connection points for USB 2.0 and 1.1 devices. Note 1: Certain USB devices, such as optical disk drives and hard disk drives, have high power requirements. Due to the power output limitations of the USB ports, you may not be able to operate more than one such device at a time. Note 2: If your USB device came with an AC adaptor, be sure to connect the device to a power outlet with the AC adaptor.
Network port	Ethernet cable (not provided) connection point.
HDMI® out port	Connection point for the HDMI® out port with a Type A connector HDMI® cable (supports video and up to 5.1 surround sound).
DVI-I video out port	Connection point for a DVI display, or a VGA display with use of the included DVI-I to VGA adaptor.
USB 3.0 Type B connector	Connects the dynadock™ to the computer (type B to type A cable provided).
DC-IN	Socket for AC adaptor (provided). Note: The dynadock™ requires an external power supply, as it does not draw power from the computer's USB bus.
Security lock slot	Secures the dynadock™ to a heavy object such as your desk.

Computer requirements

Component	*Description*
CPU	1.6 GHz or higher processor (Intel® Pentium®/Celeron® family, or AMD K6®/AMD Athlon™/AMD Duron™ family, or compatible processor recommended. Intel® Core™ 2 Duo 1.4 GHz or higher processor recommended for optimal video performance.)
Memory	1 GB memory or higher (2 GB or more recommended)
USB interface	USB 3.0 or 2.0 port. (3.0 recommended for optimal performance.)
Disk space	50 MB of available disk space
Operating system	Microsoft® Windows® XP (32-bit edition) with SP2/SP3, or Microsoft® Windows Vista® (32-bit or 64-bit editions) with SP1, Windows® 7 (32-bit or 64-bit editions), or Windows 8 (32-bit or 64 bit editions)

Chapter 1

Setting Up the dynadock™ and Connecting Peripherals

Setting up the dynadock™

This section provides instructions on setting up the dynadock™. You will need to perform the following steps in the order shown:

1. Install the software
2. Assemble the dynadock™
3. Connect the power adaptor
4. Connect the dynadock™ to your computer

For more information on each step, refer to the appropriate section below.

Install the software

1. Insert the provided Installation CD into your optical disc drive.

   The dynadock™ U3.0 Install Menu appears on your computer screen.

NOTE If the dynadock™ U3.0 Install Menu does not display, follow the steps provided below for your operating system:

1) Double-click My Computer on your desktop or click Start, and then Computer.
2) Double-click the DVD/CD drive icon, and then double-click AutoRun.exe.

NOTE Installation files with the latest drivers also available for download at www.mytoshiba.com.au/support or www.mytoshiba.co.nz/support. Check periodically for updates.

NOTE You may need to temporarily disable anti-spyware or anti-virus programs while installing the software. It is also recommended that all other applications are closed, as you will need to restart your computer after the software is installed.

You need administrator privileges to install/uninstall the software.

2 Click **Install Driver**.

(Sample Image) dynadock™ U3.0 Install Menu

The following programs are installed during the installation process:

- DisplayLink™ Core Software
- TOSHIBA USB Display Drivers

3 Follow the on-screen instructions to finish the installation.

NOTE You will need to read and accept the TOSHIBA software license agreement when prompted, to proceed with the installation.

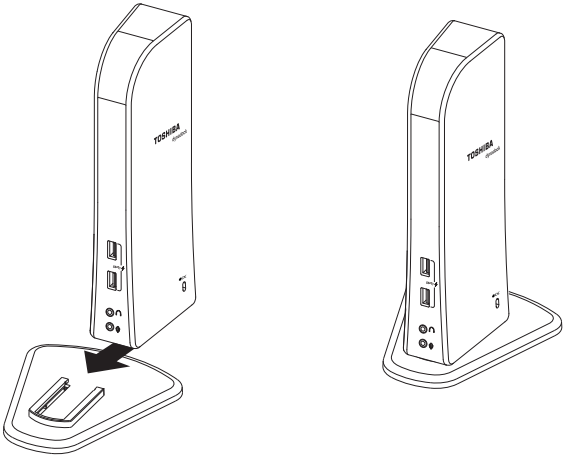
4 Restart your computer if prompted.

NOTE Complete the software installation process before connecting the dynadock™ to your computer.

NOTE Restarting may take longer than usual if the computer's operating system is configured to create a system restore point after a new device is installed. This occurs after initial installation only. When the computer restarts, the dynadock™ is ready to use.

Assemble the dynadock™

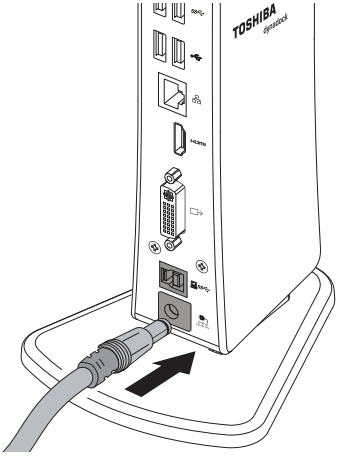
Slide the dynadock™ onto the base as shown below.



(Sample Illustration) Attaching the base to the dynadock™

Connect the power adaptor

1 Plug the AC adaptor into the DC-IN on the back of the dynadock™.



(Sample Illustration) Connecting the AC adaptor to the dynadock™

2 Connect the AC adaptor to a live electrical outlet.

The power light on the front panel glows blue when the dynadock™ is powered ON.

Connect the dynadock™ to your computer

1. Connect the square end of the provided USB cable into the USB type B connector on the back of the dynadock™.
2. Connect the other end of the USB cable to an available USB port on your computer.

   Windows® automatically detects the device and installs appropriate device drivers.

NOTE The dynadock™ should be connected to a USB 3.0 port for optimal performance.

The dynadock™ will work when connected to a USB 2.0, but performance may be compromised.

NOTE To disconnect the dynadock™ from your computer, directly unplug the cable from the computer. The computer is now undocked.

If a USB storage device is connected to the dynadock™, make sure you save the data located on the USB device, and then remove the USB device first before undocking.

Connecting your peripherals

Once you have set up a USB cable connection between your computer and the dynadock™, you can then connect your computer peripherals to the appropriate ports on the dynadock™.

Connecting your external displays

The dynadock™ provides DVI and HDMI® dual output ports. You can connect a digital (DVI) or analog (VGA) display via the DVI-I video port and an HDMI® display to the HDMI® out port on the dynadock™. Two displays can be connected to the dynadock™ at the same time.

NOTE The dynadock™ U3.0 ( ) icon appears in the system tray after connecting an external display to the dynadock™.

Connecting to the DVI-I video port

To connect a display to the DVI-I video port on the dynadock™:

1. If you are connecting a VGA display, attach the DVI-I to VGA adaptor (included with the dynadock™) to the DVI-I video port on the dynadock™.
2. Connect the display cable (not included) to the DVI-I video port on the dynadock™ or to the adaptor you connected in step 1.
3. Connect the other end of the cable to the external display.

NOTE The dynadock™ may not support VGA displays using Extended Display Identification Data (EDID).

Connecting to the HDMI® out port

To connect a display to the HDMI® out port on the dynadock™:

1. Plug one end of the HDMI® cable (not included) into the HDMI® in port on the HDMI® display.
2. Plug the other end of the HDMI® cable (not included) into the HDMI® out port on the dynadock™.

NOTE The DVI or HDMI® cable provides digital communication between the display and computer, while the VGA cable provides analog communication. If your display has a DVI or HDMI® port, use the DVI cable or HDMI® cable to obtain finer resolution options.

NOTE The display cable can be connected/disconnected at any time without disconnecting the dynadock™ from your computer.

NOTE If no output is seen on the display connected to the dynadock™, the current video resolution setting may not be supported by the display. This can happen if the display does not report its supported modes to the dynadock's DVI component. Adjust the resolution of the external display until an image appears. For more information, see "Using the TOSHIBA dynadock™ U3.0 Utility" (page 24).

You can customize the video settings of the dynadock™. See "Adjusting video settings" on page 25 for more information.

Connecting to a network

Connect one end of a network cable (not provided) to the Network port (RJ-45) on the dynadock™ and the other end to your network.

If the network is not automatically connected, configure the network properties of the Ethernet adaptor as follows:

- In Windows 8, press the ( ) + Q keys, and then click **Control Panel**, **Network and Sharing Center**, and then **Change adapter setting**.
- In Windows® 7, click **Start**, **Control Panel**, **Network and Sharing Center**, and then **Change adapter setting**.
- In Windows Vista®, click **Start, Control Panel, View network status and tasks,** and then **Manage network connections**.
- In Windows® XP, click **Start, Connect to,** and then **Show all Connections**.

In the Network Connections folder, double-click the **Connection** icon for the dynadock's Ethernet adaptor, which is indicated by **dynadock**. This

opens the Local Area Connection Properties window, allowing you to configure the network settings as required according to your network environment. If you are unsure about the settings, consult your network administrator for assistance.

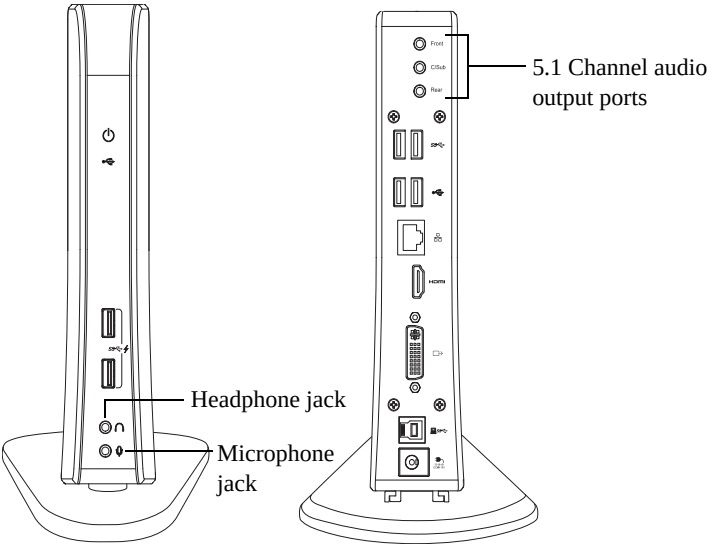
NOTE

The dynadock's Network port does not support Wake-up-on-LAN.

The Local Area Connection icon in the system tray/notification area of your Windows® desktop may not show a connection. Open "Network Connections" to view the Ethernet Connection status.

Connecting audio devices

The dynadock™ provides multiple audio ports, as shown in the following illustration.



(Sample Illustration) dynadock™ audio ports

The following table indicates which port to use for each type of audio activity:

Use this port:	*Audio Device:*	*Activity:*
Headphone jack	Headphone/headset/ speakers	Audio playback
Microphone jack	Microphone/headset	Audio recording
5.1 Channel audio output ports	Home stereos/speakers	Surround sound function *

* To use the 5.1 Channel surround sound function, connect the cable for the audio equipment such as home stereos or speakers to the 5.1 Channel audio

output ports. (See "Adjusting audio settings" on page 27 for more information.)

NOTE If there is no audio device connected to the dynadock™, the computer's audio ports may remain enabled.

NOTE If you make any changes to your audio settings, audio ports and the dynadock, you may need to restart your media player for those changes to take effect.

Connecting USB devices

The dynadock™ provides four USB 3.0 ports and two USB 2.0 ports to connect peripheral devices to: two USB 3.0 ports and two USB 2.0 ports on the back and two USB 3.0 ports on the front.

This section provides basic instructions for connecting most USB devices to the dynadock™. Please check the documentation that came with your USB device for any special instructions.

NOTE You do not need to turn off the dynadock™ or the docked computer before connecting a USB device.

To connect a USB device to the dynadock™:

1. If your device came with its own AC adaptor, connect the AC adaptor to the device and to a live electrical outlet.
2. Use a USB cable to connect the device to one of the USB ports on the dynadock™.
3. Wait for Windows® to recognize the device and install the drivers. A message should display on your computer screen indicating when installation is complete and the device is ready to use.

NOTE If you want to charge your USB device when the computer connected to the dynadock™ is off or when there is no computer connected to the dynadock™, be sure to connect your device to the powered USB port on the front of the dynadock™.For more information, see "Charging USB devices using Toshiba USB Sleep and Charge" (page 30).

Chapter 2

Using the dynadock™ and Adjusting Settings

Using the TOSHIBA dynadock™ U3.0 Utility

Use the TOSHIBA dynadock™ U3.0 utility to adjust video and audio settings for the device(s) connected to the dynadock™.

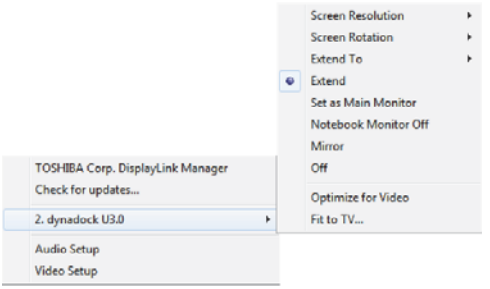
To access the Audio and Video Dock Utility:

- Click the **dynadock U3.0** icon in the system tray/notification area of your Windows® desktop.

(Sample Image) TOSHIBA dynadock™ U3.0 icon

NOTE In Windows® 7 and Windows 8, If the TOSHIBA dynadock™ U3.0 icon is not visible in your Windows® system tray/notification area, make sure the dynadock™ is connected and docked, and then click the Show Hidden Icons button (▲), if necessary, to display hidden icons.

- Select one of the following options from the menu:



(Sample Image) TOSHIBA dynadock™ U3.0 utility

Option	*Use this option to:*
Check for updates	Performs a check to see if you have the latest software installed.

Option	*Use this option to:*
dynadock™ U3.0	Screen Resolution: Changes the resolution setting of the external display connected to the dynadock™. Screen Rotation: Rotates the image on the external display connected to the dynadock™. Extend To: Specifies the extension direction if you are using multiple displays and Extended mode. This setting should match the physical orientation of the connected displays relative to your computer. For example, if the external display is physically positioned to the right of your computer's display, select "Extend to Right". Extend: Extends your desktop space across multiple displays, so that you can display different information on each display connected to your computer. Set as Main Monitor: Sets a screen in extended mode with external display connected to the dynadock™ as the main display. Notebook Monitor Off: Sets and external display connected to the dynadock™ as the main display and turns off the notebook screen. (May not appear in the dynadock utility menu when two displays are connected to the dynadock™.) Mirror: Duplicates the image showing on your computer's screen to the screen on the external display connected to the dynadock™. Off: Turns off the external display. Devices connected to the dynadock™ will still function. Optimize for Video: Configures the software to provide the smoothest possible video playback on the external display connected to the dynadock™. (This option is not available in Windows® XP.) Fit to TV: Grow or shrink the size of your Windows® desktop to match your TV screen (enabled when applicable).
Audio Setup	Shortcut to Windows® sound settings.
Video Setup	Shortcut to Windows® display settings.

If you use multiple dynadocks with a single computer (for example, one at work and one at home), the video settings for each dynadock™ are saved when you disconnect the computer. This enables you to have each dynadock™ adjusted to different video settings for each location. The settings are retained each time you use the dynadock™ with your computer.

Adjusting video settings

This section describes detailed information on adjusting the video settings for a display connected to the dynadock™.

Selecting Extended mode or Mirror mode

You can choose to set the dynadock's video output signal to **Extended mode** or **Mirror mode**.

Extended mode extends your desktop space across multiple displays, so that you can display different information on each display connected to your computer. This provides a number of advantages to increase productivity, including the ability to:

- View large spreadsheets across two screens
- Multi-task more effectively without overlapping windows
- Compare two documents simultaneously across two screens
- View media on one screen and send messages on the other

Mirror mode duplicates the image on your computer screen on an external display connected to the dynadock™. This mode is useful if, for example, you want to view information on a larger, external desktop display instead of a smaller, built-in computer screen. In Mirror mode, the dynadock™ automatically adjusts the external display's resolution, color quality, and refresh rate settings based on your computer's settings.

To configure the dynadock's video output signal to Mirror mode or Extended mode, connect an external display to the dynadock™ as described in the section "Connecting your external displays" on page 20, and then follow the steps below:

1. Click the **dynadock U3.0** icon in the system tray/notification area of your Windows® desktop.
2. Select **Extend** or **Mirror** from the menu.

NOTE If the icon is not visible in your system tray/notification area, make sure the dynadock™ is connected and docked, and then click the Show Hidden Icons button (▲), if necessary, to display hidden icons.

NOTE If you notice certain windows or other parts of your display are missing when you disconnect your computer from the dynadock™, you may need to de-select the Extend desktop onto this display checkbox in your Windows® Display settings to return the entire image to your primary screen.

NOTE You can also use the Windows® Display settings to switch between Extended mode and Mirror mode.

NOTE The external displays connected to the dynadock™ may be identified as "2", "3", or "4" on the Windows® Display settings (depending on your computer model), even though there may not be four viewable displays.

Supported display modes

Two components make up the display mode: Resolution and Refresh rate. These components are defined as follows:

- **Resolution:** The number of pixels displayed on the screen horizontally and vertically.
- **Refresh rate:** The speed at which the entire screen is re-scanned. Higher frequencies reduce flicker.

The dynadock™ supports the following display modes:

Resolution	*Refresh Rates (Hz)*	*Resolution*	*Refresh Rates (Hz)*
640 x 480	60, 72, 75, 85	1280 x 960	60, 85
720 x 400	70, 85, 88	1280 x 1024	60, 75
800 x 600	56, 60, 72, 75, 85	1360 x 768	60
832 x 624	75	1366 x 768	50, 60
848 x 480	60	1368 x 768	60
1024 x 768	60, 70, 75, 85	1400 x 1050	60, 75, 85
1152 x 864	75	1440 x 900	60
1152 x 870	75	1600 x 1200	60
1280 x 720	50, 60	1680 x 1050	60
1280 x 768	60, 75, 85	1920 x 1080	50, 60
1280 x 800	60	2048 x 1152	60

Please note the following:

- Interlaced modes are not supported.
- The display modes listed above may not be supported by your display, or your display may offer additional modes not supported by the dynadock™. For information on display modes supported by your display, be sure to check the documentation supplied with your display. Select a mode that both the dynadock™ and your display support.
- Placing a display into an unsupported mode for long periods can damage it.
- If you are using Mirror mode to clone the primary display's image on an external display, the dynadock™ will attempt to use the same display mode on the external display that you selected for the primary display. In some cases, however, this may not be the most appropriate mode for the mirrored desktop (for example, if the aspect ratio of the displays is not the same). In these cases, change the primary display mode to match the optimum display mode for the external display.

NOTE For more information on supported modes, refer to the documentation supplied with your display.

Adjusting audio settings

Configuring audio ports

You can playback or record audio either through the dynadock's audio ports or the docked computer's audio ports. However, you cannot use the audio ports on the docked computer and on the dynadock™ at the same time.

Upon docking connection, the audio ports on the dynadock™ may become enabled and the audio ports on the computer disabled. When you undock

the computer, the audio ports on the computer are automatically re-enabled.

To change the default settings, you may need to manually adjust the audio settings in Windows®, as described in this section. For example, if you want to use the computer's audio ports while the computer is docked, you will need to change the default settings.

Configuring audio playback ports

1 Click the **dynadock U3.0** icon in the system tray/notification area of your Windows® desktop.

(Sample Image) TOSHIBA dynadock™ U3.0 icon

NOTE If the icon is not visible in your system tray/notification area, make sure the dynadock™ is connected and docked, and then click the Show Hidden Icons button (▲), if necessary, to display hidden icons.

2 Select **Audio Setup** from the menu.

3 On the **Playback** tab of the Windows® sound settings dialog box, select one of the following:

- To use the dynadock's Headphone/Speakers/Line out jack, select **dynadock Audio** device.
- To use the docked computer's Headphone/Speakers/Line out jack, select the appropriate playback device (other than dynadock Audio device).

4 Click **Set Default**.

5 Click **OK**.

NOTE If you make any changes to your audio settings, you may need to restart your media player for the audio changes to take effect.

Configuring 5.1 surround sound

1 Click the **dynadock U3.0** icon in the system tray/notification area of your Windows® desktop.

(Sample Image) TOSHIBA dynadock™ U3.0 icon

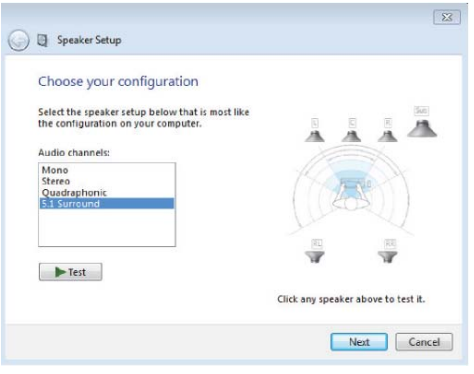
NOTE If the icon is not visible in your system tray/notification area, make sure the dynadock™ is connected and docked, and then click the Show Hidden Icons button (▲), if necessary, to display hidden icons.

2 Select **Audio Setup** from the menu.

(Sample Image) 5.1 Channel surround sound function - Windows®

3 On the Playback tab of the Windows® sound settings dialog box, select **dynadock Audio** device.

4 Select **Configure** and select 5.1 Surround Speakers. Follow the on-screen instructions to complete the configuration



(Sample Image) 5.1 Channel surround sound function configuration

Configuring audio recording ports (microphone)

1 Click the **dynadock U3.0** icon in the system tray/notification area of your Windows® desktop.

(Sample Image) TOSHIBA dynadock™ U3.0 icon

NOTE If the icon is not visible in your system tray/notification area, make sure the dynadock™ is connected and docked, and then click the Show Hidden Icons button (▲), if necessary, to display hidden icons.

2 Select **Audio Setup** from the menu.

3 On the **Recording** tab of the dialog box, select one of the following:

- To use the dynadock's microphone in jack, select **dynadock Audio** device.
- To use the docked computer's microphone in jack, select the appropriate recording device (other than dynadock Audio device).

4 Click **Set Default**.

5 Click **OK**.

NOTE You may need to restart your media player for the audio changes to take effect.

Charging USB devices using Toshiba USB Sleep and Charge

Your dynadock can supply USB bus power (DC 5V) and can charge select USB devices (such as MP3 players and mobile phones) using the dynadock's front USB ports ("USB Sleep and Charge" ports) even when your computer is undocked or disconnected from the dynadock™, or your computer is off.

NOTE The "USB Sleep and Charge" function may not work with certain external USB devices. Please contact the USB device manufacturer or check the specifications of the external USB devices for further details.

This function can only be used for the ports that support the "USB Sleep and Charge" function (hereinafter called "compatible port").

NOTE Compatible USB ports have the (SS⇐ ⚡) symbol icon.

To charge a device when the dynadock™ is disconnected or the connected computer is off:

NOTE Using the "USB Sleep and Charge" function to charge external devices may take longer than charging the devices with their own chargers.

1 Make sure the dynadock's AC adaptor is connected to an electrical outlet.

2 Connect the USB device you want to charge to the USB port on the front of the dynadock™.

NOTE When there is a current overflow of the external USB device connected to the compatible port, USB bus power (DC 5V) supply may be stopped for safety reasons.

To stop charging the USB device, disconnect the device from the dynadock™.

Using standby/sleep/hibernation modes with the dynadock™

When your docked computer enters standby/sleep/hibernation mode, devices connected to the dynadock™ will not function until the computer returns to an active state. For example, if you are using the Ethernet port for high-speed network access, network access will not be available until the computer resumes from standby/sleep/hibernation.

In addition, please keep in mind the following important information regarding the affect of standby/sleep/hibernation mode on external displays connected to the dynadock™:

- The external display connected to the dynadock™ will go blank if the computer enters standby/sleep/hibernation mode.
- In Mirror mode, the external display retains the settings it had previously when the computer resumes from standby/sleep/hibernation.
- In Extended mode, windows that were previously on the external display may appear on the computer's built-in display when the computer resumes from standby/sleep/hibernation. You may need to reposition the windows by dragging them to the external desktop again.
- If the external display is in Extended mode and the computer requires you to log in after resuming from standby/sleep/hibernation, the login screen may appear on the primary computer display, not the external display. This is consistent with Windows® operating system standards.

Chapter 3

Support

If you need further assistant

If you have followed the recommendations in this section and are still having problems, you may need additional technical assistance. This section contains the steps to take to ask for help.

Before you contact Toshiba

Since some problems may be related to software or the operating system, it is important that you investigate other sources of assistance first.

Try the following, before contacting Toshiba:

- Review the troubleshooting information in your operating system documentation.
- If your hardware device is not working, consult the user manual that came with the device for troubleshooting tips.
- If the problem occurs while you are running a program, consult the program's documentation for troubleshooting suggestions. Contact the software company's technical support group for their assistance.

Contacting Toshiba

Need Help?

Toshiba's Support Web sites:

www.mytoshiba.com.au/support

www.mytoshiba.co.nz/support

Toshiba Customer Support Centres:

Calling within Australia: 13 30 70

Calling within New Zealand: 0800-445-439

Expert staff provides technical assistance during normal business hours, 5 days a week, excluding public holidays. Be sure to have the following information available before you call:

- Product serial number and part number
- Place of purchase
- Applicable error messages or fault symptoms
- Operating system (if applicable)
- Installed third-party hardware and software (if applicable)

Appendix A

Specifications

Specifications

This section summarizes the dynadock™ U3.0 technical specifications.*

Physical dimensions

Weight	Approx. 530g/18.7 ounces (including the Base)
Size	47(w) x 77(d) x 223(h) mm (1.8(w) x 3.0(d) x 8.8(h) in.) (not including the parts that extend beyond the main body) 113.8(w) x 130(d) x 235(h) mm (4.5(w) x 5.1(d) x 9.2(h) in.) (including the Base)

Environmental requirements

Conditions	*Ambient temperature*	*Relative humidity*
Operating	5 to 35 °C (41 to 95 °F)	20 to 80%
Non-operating	-20 to 55 °C (-4 to 131 °F)	10 to 95%
Thermal Gradient	20 °C (68 °F) per hour maximum	
Wet-bulb Temperature	26 °C (78.8 °F) maximum	

Power requirements

AC adaptor	100-240 volts AC 50-60 Hz (cycles per second)
dynadock™	19V DC 2.37 amperes

*Specifications are subject to change without further notice.

General specifications

Computer Interface	USB 3.0 or 2.0
Ports and Connectors	2 x USB 3.0 ports and 2 x USB 2.0 ports in the back 2 x USB 3.0 ports in front ("USB Sleep and Charge" (up to DC 5V) with (SS⇆⚡) icon) 1 x Network Port (RJ-45 10 Base-T/100BASE-TX Ethernet Port) DVI-I x 1 (Digital 30-pin Female Connector) HDMI® x 1 (Digital 30-pin Female Connector) 5.1 Channel audio output (3 x 3.5 mm audio out) 1 x Microphone (3.5 mm mono audio in) 1 x Headphone (3.5 mm stereo audio out) 1 x AC Power (DC-in plug) 1 x USB 3.0 Type B connector (USB to computer connector)
Computer security lock slot	1 x lock slot
Supported Video Display modes (Depending on operating system)	Mirror, Extended, Primary Display (Some built-in video adaptors may prevent a second display from being the primary display.)

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